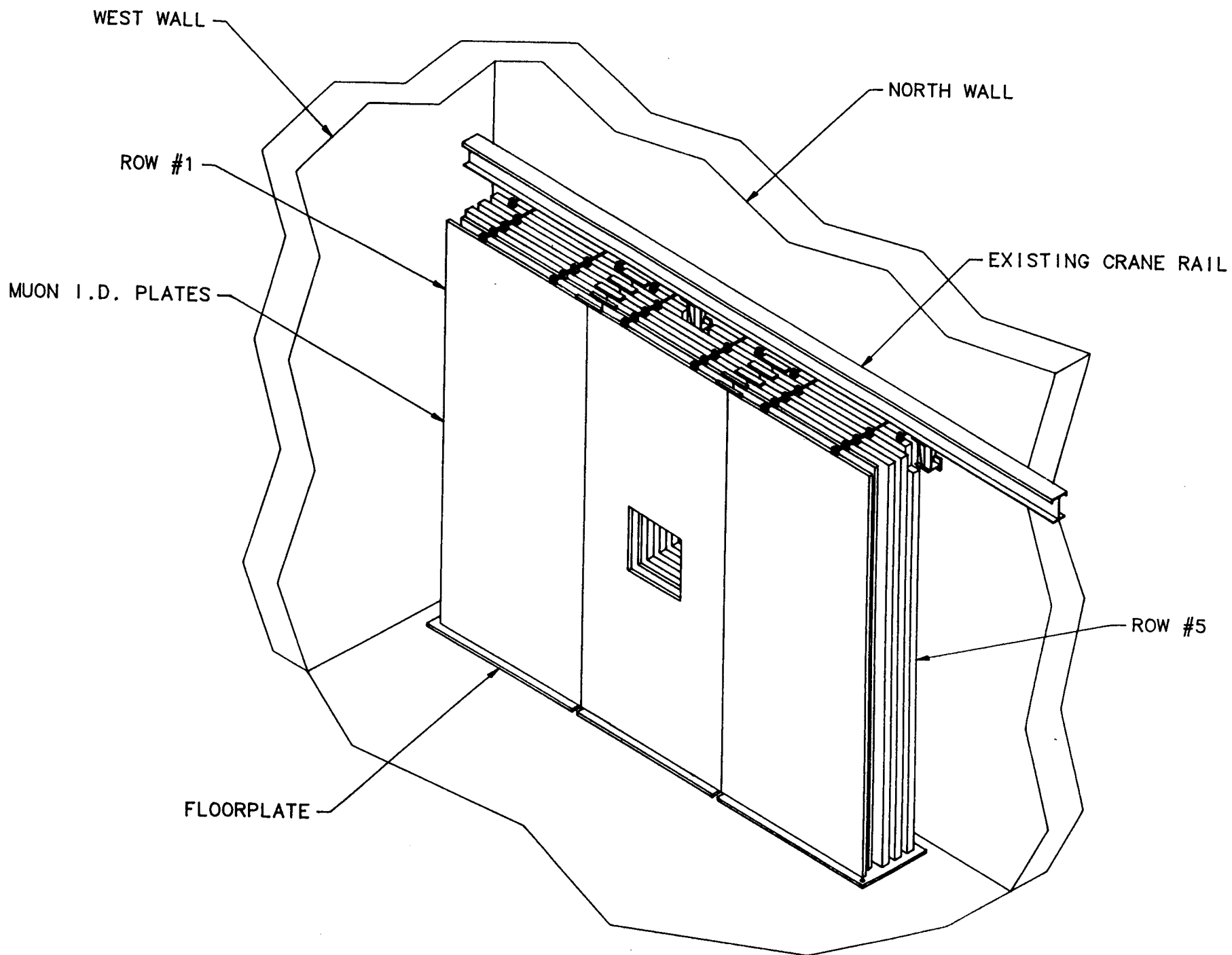


Muon ID Steel

Muon ID Steel (nominal specifications)



- Five rows of plates; each row consists of three panels
- Rows 1-2 are 100 mm thick; rows 3-5 are 200 mm thick
- Each row is nominally 43 feet wide x 35 feet high
- Each plate is nominally 14.3 feet wide x 35 feet high and weighs 41 tons (100 mm) or 81 tons (200 mm)
- Center panel in each row has square beam tube hole 64.8x64.8 inches (1646x1646 mm)
- Gap between adjacent plates in same row is nominally 1 inch ~~(not to exceed 3 inches)~~



Special #2 Row



- Center plate in row #2 is 200 mm narrower (100 mm each side of beam tube opening) than all other center plates
- Side plates are standard
- Net results
 - Row #2 is 200 mm narrower overall
 - Gaps between panels in row #2 are at transverse (x-axis) absolute values less than row #1

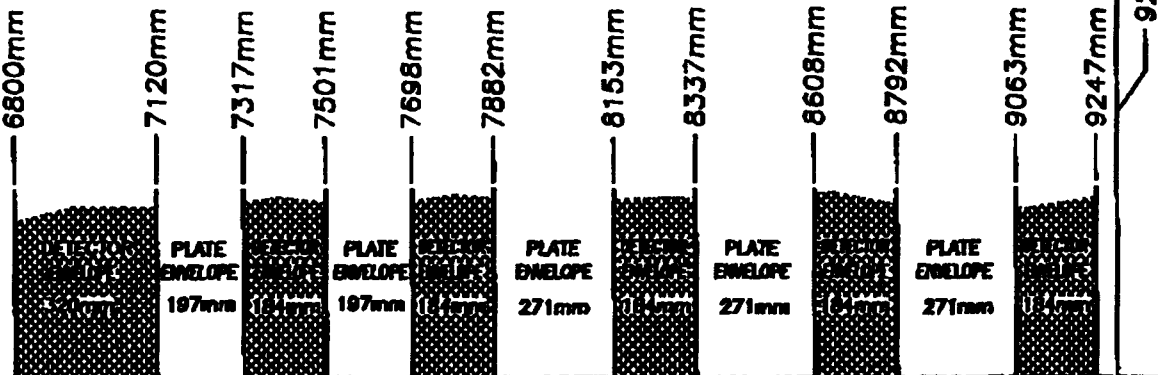
Base Plates



- Base plate divided into 3 sub-plates
- Each ID plate rests on only one base plate
- 80 mm thick; bottom of bases plates nominally at floor level
- 1-3 inches of concrete removed for grout
- Each plate supported on 10 jacking screws prior to grout injection
- Eight holddown studs per base plate
- Two grout injection holes per base plate
- ~~Adjacent base plates connected by steel bars~~

0mm I.P.

6800mm BACK OF DONUT



MEASUREMENT GUIDELINE FOR SURVEY OF MUD PLATES NORTH END